

# LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

## Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

MISSOURI RED QUARRIES, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of  
granite in the state of Missouri. The extent of the

Proposed mining operation(s) will be on 74 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: **Renewal**

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Iron	11	34N	03E	74	0	74	Site #1	0528

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo, 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 28th day of April 2004



DIRECTOR OF STAFF  
Land Reclamation Commission

Permit No. 0532

Effective Date 04/28/2004

Expiration Date 02/11/2005



APR 26 2004

MISSOURI LAND

P.O. BOX 176  
JEFFERSON CITY, MO 65102-0176

MO 780-1780 (12-02)



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
SITE INFORMATION FORM

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AUG 27 1992

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER MISSOURI RED QUARRIES, INC.		PERMIT NUMBER 91-532	
COMPANY NAME MISSOURI RED QUARRIES, INC.			
COUNTY IRON	1/4 SECTION 11	SECTION 11	
TOWNSHIP 34N	RANGE 3E	ACRES 74	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES)			
MINERAL COMMODITY		ESTIMATED TONS/YEAR (FOR GRAVEL SITES)	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) MISSOURI RED QUARRIES, INC.		
ADDRESS P.O. BOX 6077		
CITY ELBERTON	STATE GEORGIA	ZIP CODE 30635
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT   <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) MISSOURI RED QUARRIES, INC.		
ADDRESS P.O. BOX 6077		
CITY ELBERTON	STATE GEORGIA	ZIP CODE 30635
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT   <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT

**NOTE:** Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**MINE PLAN**

**RECEIVED**  
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE:

FEBRUARY 2092

J.O. 9-24-92

SEP 29 1992

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOILS, VEGETATION AND TOPOGRAPHY.

EXPOSED GRANITE LEDGES, VERY FEW SCATTERED AREAS OF SOIL OR TREES AND BUSHES

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MISSOURI LAND  
RECLAMATION COMMISSION

**OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.**

**A. TOPSOIL**

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

\_\_\_\_\_ 2 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

BACKHOE AND FRONT END LOADERS - TOP 12" OF UNCONSOLIDATED MATERIAL IS TO BE STRIPPED AND STORED,

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

TOP SOIL PLACED IN LARGE MOUND AND GRASSED TO PREVENT EROSION.

SEP 28 1992

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**B. SPOIL**

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

OVERBURDEN, WASTE ROCK, ETC. WILL BE REMOVED BY  
BACKHOE AND LOADER AND STORED AT THE NORTH SIDE OF  
QUARRY SO THAT IT CAN BE REUSED IN THE FUTURE.

J.O.  
9-24-92

**C. ACID MATERIALS**

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE

**D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)**

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

SEE MAP

**YES NO**☐☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐☒

Will any excavation start at or within fifty feet (50') of any property line?  
(NOTE: If the answer is "yes", a safety barrier may be needed.)

SEP 20 1992

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**A. REVEGETATION** (Attach additional sheets, if needed)

PURPOSE OR LAND USE
<p>1. <u>RECREATION</u></p> <p>2. <u>INDUSTRIAL</u></p> <p>3. <u>AGRICULTURE</u></p> <p>4. <u>RESIDENTIAL</u></p> <p>5. <u>COMMERCIAL</u></p> <p>6. <u>GOVERNMENT</u></p> <p>7. <u>OTHER</u></p>

### B. SEEDING OR PLANTING TIME

# 1

WILDLIFE

~~SPRING- MAR. 15-MAY 15~~

TOPSOIL WILL BE REAPPLIED TO THE EXPOSED GRANITE SURFACE - FESCUE & FERTILIZER WILL BE HARROWED INTO THE SOIL. ~~XXXXXXX~~ TREES AND SHRUBS WILL BE PLANTED AFTER THE GRASS HAS GROWN SUFFICIENT TO CONTROL EROSION.

10. 9.24.92

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
SMOOTH BROME	8	PECAN	500
RED CLOVER	2	PIN OAK	
		GREEN ASH	
		TULIP POPLAR	
		RED MAPLE	

REVEGETATION MIX #2

**PURPOSE OR LAND USE**

B. SEEDING OR PLANTING TIME				
-----------------------------	--	--	--	--

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
			SEP 20 1964

SEP 29 1993

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

REVISÉD

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FEB 1 1999

**B. GRADING**

MISSOURI LAND RECLAMATION COMMISSION  
DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

THE LARGE PIT WILL BE TURNED INTO A LAKE. THE OTHER EXPOSED AREAS WILL BE SLOPED BY FARM MACHINERY AND COVERED WITH TOP SOIL AND SEEDED. MAXIMUM SLOPE EXPOSED WILL BE 3:1.

IT IS IMPOSSIBLE TO MAINTAIN A 3:1 SLOPE  
ON DUMP AREAS WHILE THEY ARE BEING USED.

THIS WOULD NEED TO BE DONE WHEN DUMP BECOMES  
INACTIVE, J.R.

J.O.  
9-24-92

**C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES**

**GRADING**

WE ARE WORKING IN ONE DEFINED LOCATION, AND NO GRADING COULD BE DONE UNTIL QUARRY IS CLOSED.

**REPLACEMENT OF TOPSOIL**

TOPSOIL WILL BE LAID DOWN WITH ONE YEAR AFTER GRADING. TOPSOIL WILL BE REPLACED TO A UNIFORM DEPTH OF 12 INCHES AND DISCED TO REDUCE COMPACTION. TOPSOIL WILL BE REPLACED WITHIN ONE YEAR OF FINAL GRADING.

**REVEGETATION**

ALL TOPSOILED AREAS WILL BE SEEDED DURING THE FIRST SPRING FOLLOWING TOPSOIL REPLACEMENT. THIS WILL BE COMPLETED WITHIN 12 MONTHS AFTER EXPIRATION OF THE PERMIT UNDER WHICH THE DISTURBANCE OCCURRED.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

12 INCHES

**D. USE OF LAND WHEN RECLAIMED**

Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES
Wildlife (forest or other habitat with livestock excluded)	ALL - 74 ACRES
Agricultural (pasture, cropland, and horticultural)	
Development (residential, industrial, and recreational)	SEP 90
Water impoundments (for wildlife, agricultural, or development)	REVI

**B. GRADING**

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J.O.  
9-24-92

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AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES) 12 INCHES

**D. USE OF LAND WHEN RECLAIMED**

Estimate acreage of each land use below, after reclamation

**ESTIMATED ACRES:**

Wildlife (forest or other habitat with livestock excluded)

ALL - 74 ACRES

Agricultural (pasture, cropland, and horticultural)

Development (residential, industrial, and recreational)

SEP 29 1992

Water impoundments (for wildlife, agricultural, or development)

REVISED



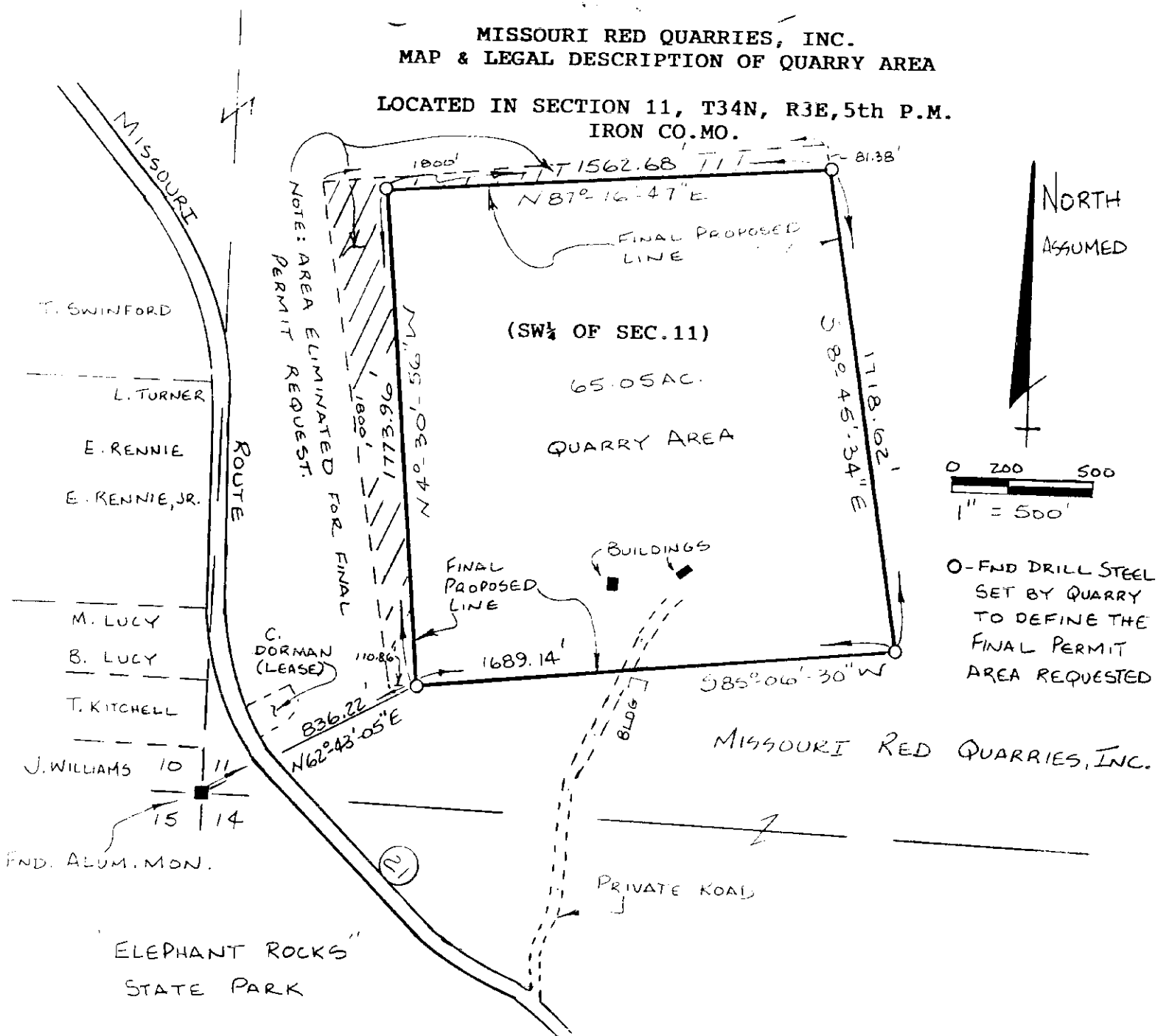
By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT <i>Tom Oglesby</i>		TITLE PRESIDENT	DATE AUG. 24, 1992
NOTARY PUBLIC EMBOSSEER SEAL	STATE GEORGIA	COUNTY (OR CITY OF ST. LOUIS) ELBERT	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 24th DAY OF AUG. 19 92		USE RUBBER STAMP IN CLEAR AREA BELOW
	NOTARY PUBLIC SIGNATURE <i>Elaine S. Rice</i>	MY COMMISSION EXPIRES 8/22/96	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) ELAINE S. RICE		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Karen F. Forth</i> CRSII		DATE APPROVED 11/17/92	PERMIT NUMBER 532

MISSOURI RED QUARRIES, INC.  
MAP & LEGAL DESCRIPTION OF QUARRY AREA

LOCATED IN SECTION 11, T34N, R3E, 5th P.M.  
IRON CO. MO.



**LEGAL DESCRIPTION: FOR REVISED & FINAL PERMIT AREA REQUESTED**

A tract of land located in the Southwest Quarter of Section 11, Township 34 North, Range 3 East of the 5th P.M., Iron County, Missouri, described more particularly as follows:

Begin at a drill steel set 836.22 feet North 62°43'05" East from the southwest corner of Section 11; thence North 4°30'56" West 1773.96 feet to a drill steel; thence North 87°16'47" East 1562.68 feet to a drill steel; thence South 8°45'34" East 1718.62 feet to a drill steel; thence South 85°06'30" West 1689.14 feet to the point of beginning. Containing 65.05 acres more or less.

The map and description shown hereon was provided at the request of Mr. John Randolph of Missouri Red Quarries, Inc. for the purpose of mapping and describing quarry permit renewal and expansion areas located within company property and is not intended for conveyance purpose or the creation of a new parcel of ground. Therefore, with the exception of monumentation, this survey was executed in accordance current minimum standards for property boundary surveys as set forth by the Missouri Land Survey, Department of Natural Resources.

SURVEY NO. 75  
Prepared: September 23, 1992  
Revised: November 24, 1992

Sid Nickelson, RLS 1594  
County Surveyor  
Iron Co. Mo.  
314-779-3377

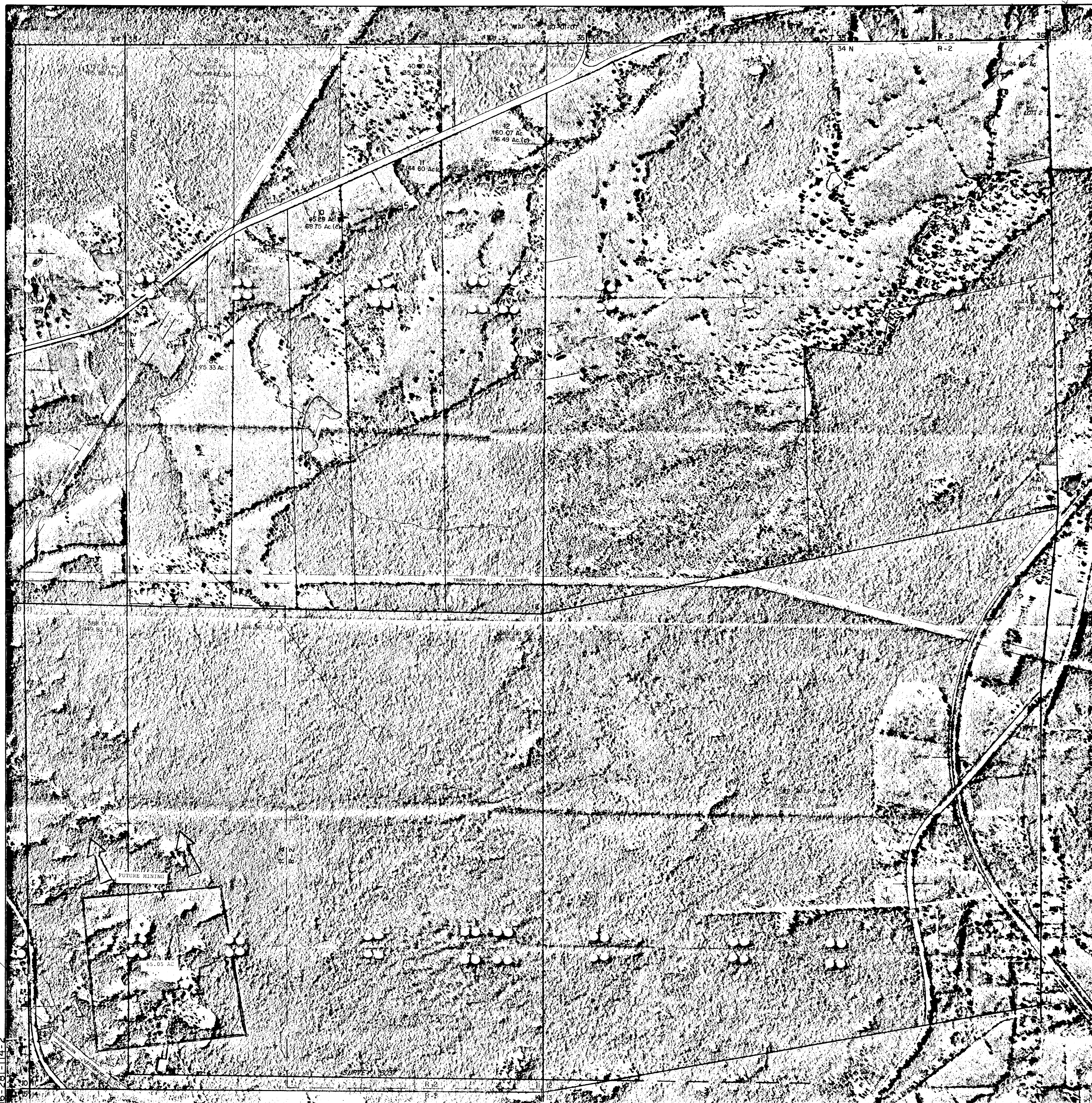
**NOTE:**

This map is revised to show the relation and difference between a first proposed 1800'X 1800' square area and the 65.05 acre area shown and described hereon, representing the revised and final permit request.



6-281-114-2

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RECLAMATION COMMISSION



OWNERSHIP MAP  
IRON COUNTY, MISSOURI  
PREPARED UNDER THE DIRECTION OF  
STATE TAX COMMISSION OF MISSOURI  
AND  
IRON COUNTY TAX ASSESSOR  
PREPARED BY  
FOX & COLE CONSULTING ENGINEERS

REVISIONS	
DATE	BY CHANGES OR ADDITIONS





THIS PROPERTY OWNERSHIP MAP IS FOR  
TAX PURPOSES ONLY. IT IS NOT  
INTENDED FOR CONVEYANCES.

## SUBDIVISION INDEX

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RECLAMATION COMMISSION

### LEGEND

STATE LINE	AREA (FROM DEED)	10 5 Ac
COUNTY LINE	AREA (CALCULATED)	10 5 Ac
CORPORATION LINE	DIMENSION (FROM DEED)	15'
DISTRICT LINE	DIMENSION (SCALED)	66'
R/W LINES	SUBDIVISION LOT NUMBER	2
SECTION LINE	PARCEL NUMBER	4
PROPERTY LINE	WATER	
ORIGINAL LOT LINE	INTERSTATE HIGHWAY	
LAND HOOK	U.S. HIGHWAY	
ORIGINAL BLOCK NO. ②	COUNTY HIGHWAY	
ORIGINAL BLK. LIMIT .213	STATE HIGHWAY	
MAP BLOCK NO. .003	ROADS, STREETS, CHURCHES,	
MAP BLOCK LIMIT .003	ETC.	
(WHERE APPLICABLE) .004	SECTION CORNERS	

## TOWNSHIP LOCATOR

	R2W	R1W	R1E	R2E	R3E	R4E
T35N T34N	5	4	3	2	1	
34N T33N	6	7	8	9	10	11
T33N T32N					13	12
T32N T31N					14	15
T31N T30N					17	16
					18	19

## MAP SHEET INDEX

6	5	4	3	2	1
3			2		I
7	8	9	10	II	II
18	17	16	15	14	13
4			5		6
19	20	21	22	23	24
30	29	28	27	26	25
9			8		7
31	32	33	34	35	36

SEC 1, 2, 11, 12 TWP 34 N RGE 3E

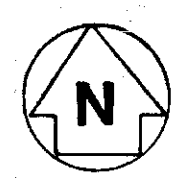
MAP NO. 80-10-01

MAP NO. \_\_\_\_\_

SCALE 1" = 400'

DATE OF MAP: 6-30-83  
DATE OF PHOTOGRAPHY: 9-5-82

DATE OF PHOTOGRAPH: 9-5-62  
AERIAL PHOTO NO: 281-114  
THREATENED SPECIES: 281-114

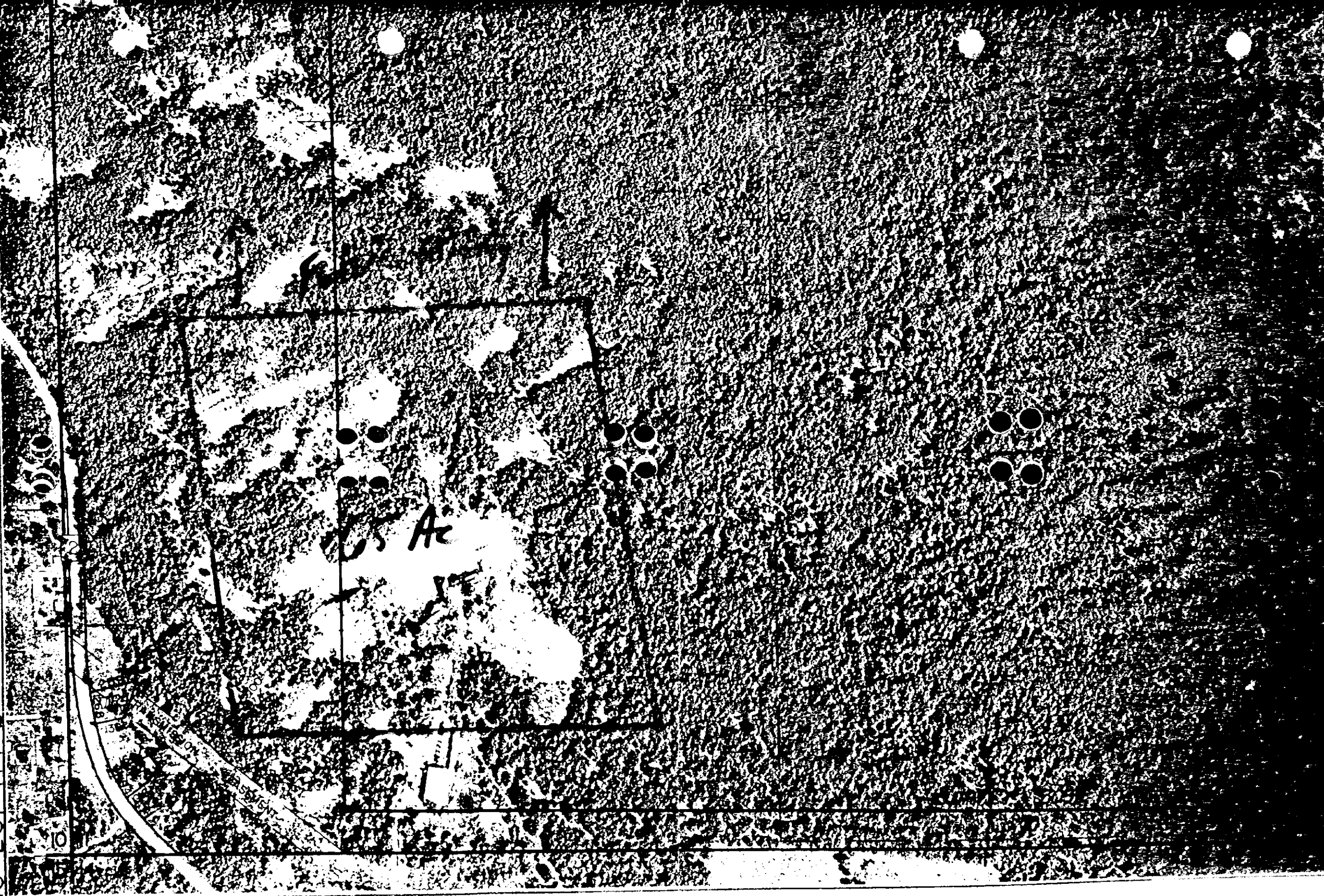






# IRON COUNTY, MISSOURI

16-281-114-2



S. H. F. S. M. R. 54

OWNERSHIP MAP

IRON COUNTY, MISSOURI

STATE TAX COMMISSION, MISSOURI

SUBDIVISION INDEX

STATE  
COUNTY  
CORPORATION  
DISTRICT  
R/W L  
SECTION